

ABSTRACT OF THE DISCLOSURE

A packet relaying apparatus is structured to comprise a network relaying function for selecting one or more networks allowed to relay an
5 received packet based on the transmission source network identifier
corresponding to the received packet, a domain relaying function for selecting
one or more routing domains corresponding to one or more networks, a
routing information management function for collating the transmission
destination address of the packet with each routing domain information of
10 one or more routing domains to select the next hop router address for
transmitting the packet to the next packet relaying apparatus, and a packet
relaying function for transmitting the packet to the transmission destination
address.

BSM:fd

October 24, 2001